Kawaoka, Yoshihiro
Jasenosky, Luke D.

<120> Methods to Identify Mutant Cells with Altered Sialic Acid

<130> 800.029US1

<140> US 10/081,170
<141> 2002-02-22

<150> US 60/271,044
<151> 2001-02-23

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 24
<212> DNA
<213> Influenza A virus

<400> 1
tggctcgttt ctctcactat tgcc   24

<210> 2
<211> 26
<212> DNA
<213> Influenza A virus

<400> 2
ttatataggc atgagattga tgtccg   26

<210> 3
<211> 37
<212> DNA
<213> Influenza A virus

<400> 3
agcaaaagca ggggataatt ctattaacca tgaagac   37

<210> 4
<211> 34
<212> DNA
<213> Influenza A virus

<400> 4
agtagaaaca agggtgtttt taattaatgc actc   34

<210> 5
<211> 376
<212> DNA
<213> Artificial Sequence

<220>
<223> Influenza A virus mutant

<400> 5
atgaatccaa atcaaaagat aataacaatt ggctctgttt ctctcactat tgccacaata   60
tgcttcctta tgcaaattgc catcctggta actactgtaa cattgcattt caagcaacat   120
gagtgcaact cccccccaaa caaccaagta atgctgtgtg aaccaacaat aatagaaaga   180

```
aacataacag agatagtgta ttgaaggcaa aagctgcatc aatcggtgct tttatgtgga      240
gttgataagg ggaaggaaac aggaaactga agtctggtgg acctcaaaca gtattgttgt      300
gttttgtggc acctcaggta catatggaac aggctcatgg cctgatgggg cggacatcaa      360
tctcatgcct atataa                                                      376
```

```
<210> 6
<211> 346
<212> DNA
<213> Artificial Sequence

<220>
<223> Influenza A virus mutant

<400> 6
atgaatccaa atcaaaagat aataacaatt ggctctgttt ctctcactat tgccacaata       60
tgcttcctta tgcaaattgc catcctggta actactgtaa cattgcattt taaataggca      120
agtcatagtt gacagaggta atagatccgg ttattctggt attttctctg ttgaaggcaa      180
aagctgcatc aatcggtgct tttatgtgga gttgataagg ggaaggaaac aggaaactga      240
agtctggtgg acctcaaaca gtattgttgt gttttgtggc acctcaggta catatggaac      300
aggctcatgg cctgatgggg cggacatcaa tctcatgcct atataa                     346
```